On a Uniform Consumption of Liquid Oxygen in Gasifiers Connected in Parallel

causing that gas flows over from one gasifier into another, and a higher consumption occurs in the gasifier from which the gas flows off. Another reason for nonuniformities was the influence exerted by differently high fillings at the beginning of the operation. Tests were carried out concerning different filling, differently rapid external heating, and the obtaining of the working pressure by connecting an additional gasifier. The experimental results (Figs 2,4,5,6, Fig 5: plant with additional gasifier) proved that both filling height and temperature exert an influence, the most essential effect, however, being exercised by the rapidity of formation of a surface layer (vapor) which initiates further evaporation; the latter could be obtained by a rapid formation of the working pressure. The faster the working pressure could be obtained, the faster was the uniform consumption of oxygen adjusted. This working pressure has to be maintained by adjustment in the additional gasifier for 15 hours. Thus, it warranted a perfect uniform working of the four gasifiers. Measurements of the total consumption were carried out by means of a rheometer on the outlet pipe, and the consumption of the individual

gasifiers was measured by weighing the gasifiers. The weighing device was constructed in such a way that the gasifiers could be weighed during operation. There are 6 figures.

L 09769-67 EWT(m)/EWP(t)/ETI IJP(c) JD/JG

ACC NR: AP6029136 SOURCE CODE: UR/0048/66/030/006/1068/1069

AUTHOR: Degtyarev, I.F.; Prokopenko, V.S.; Vasil'yev, G.G.

ORG: Krasnoyarsk Pedagogic Institute (Krasnoyarskiy pedagogicheskiy institut); Krasnoyarsk Agricultural Institute (Krasnoyarskiy sel'skokhozyaystvennyy institut)

TITLE: Determination of the domain wall energy in ferromagnetic films [Report, All-Union Conference on the Physics of Ferro- and Antiferromagnetism held 2-7 July 1965 in Sverdlovsk]

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya. v. 30, no. 6, 1966, 1068-1069

TOPIC TAGS: ferromagnetic film, iron, Permalloy, molybdenum containing alloy, magnetic domain boundary

ABSTRACT: Domain wall energies in 1000 Å thick iron and 17 Fe-80Ni-3Mo Permalloy films, vacuum deposited at 10^{-5} mm Hg with uniaxial anisotropy induced by inclination of the substrate to the molecular beam were determined by artifically inducing in them regions of reverse magnetization with the aid of a nonuniform field and calculating the wall energy from the shape of the region by minimizing the sum of the magnetostatic energy and the wall energy. Reverse magnetization regions of two different types were obtained, depending on the field configuration. The shapes of the two types of regions were approximated for the calculations by ellipsoids and elliptic cylinders, respectively. The wall energies obtained from the regions of the different

Card 1/2

L 08769-67

ACC NR: AP6029136

types differed by less than 6%. The wall energies obtained for an iron film with an anisotropy field of 24 Oe, for an iron film with an anisotropy field of zero, and for an Mo Permalloy film with an anisotropy field of 11.2 Oe, were 6.8, 2.3, and 0.71 erg/cm^2, respectively. Orig. art. has: 7 formulas and 1 table.

SUB CODE: 20 SUBM DATE: 00 ORIG. REF: 000 OTH REF: 002

Card 2/2 bc

ACC NR: AP6033057 (N) SOURCE CODE: UR/0126/66/022/002/0312/0313

AUTHOR: Markov, V. S.; Pak, N. G.; Prokopenko, V. S.; Vasil'yev, G. G.

ORG: Krasnoyarsk Pedagogical Institute (Krasnoyarskiy pedinstitut)

TITLE: Anisotropy dispersion, thickness and coercive force of ferromagnetic films

SOURCE: Fizika i metallov i metallovedeniye, v. 22, no. 2, 1966, 312-313

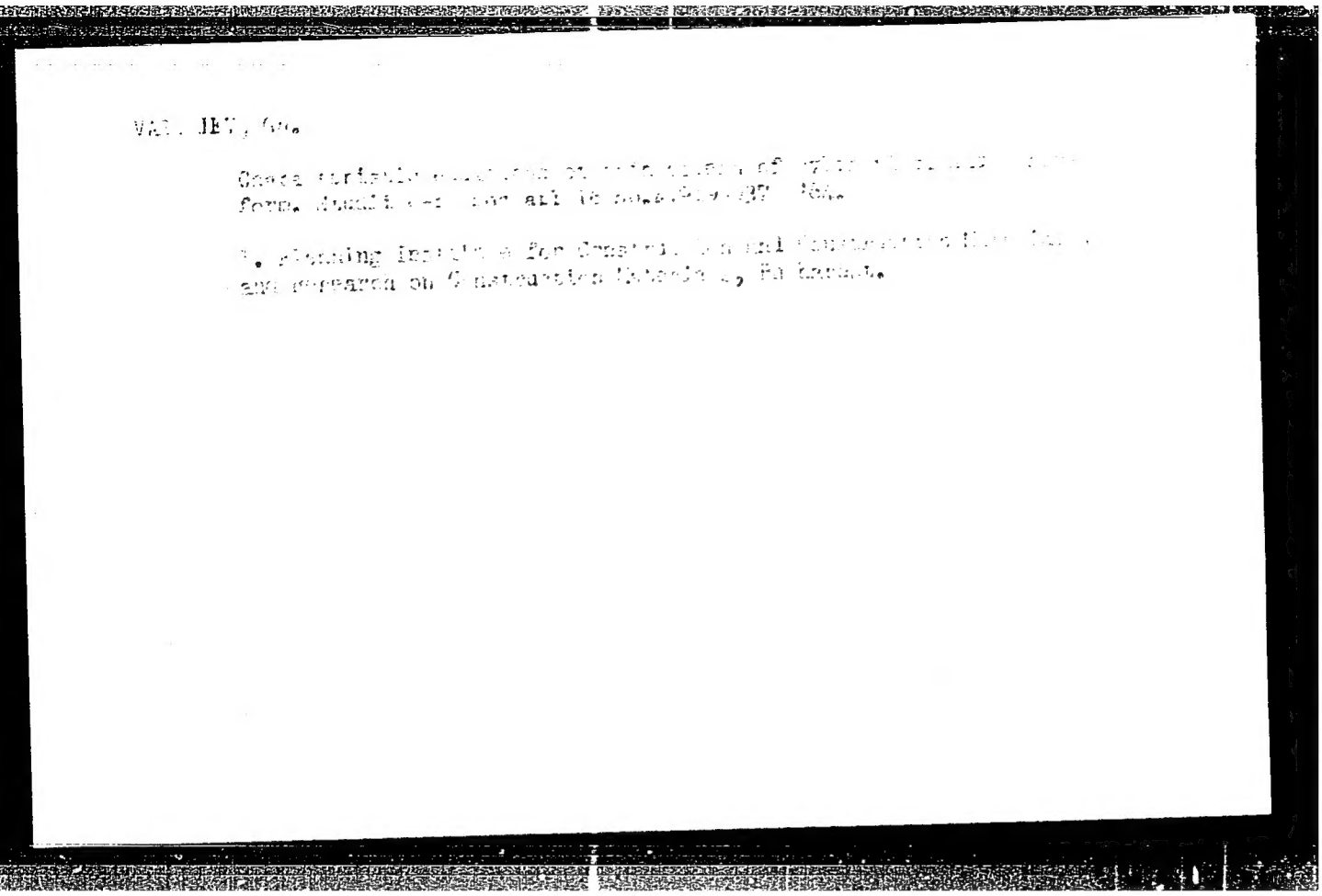
TOPIC TAGS: ferromagnetic film, magnetic coercive force, magnetic anisotropy, magnetic property

ABSTRACT: The authors study the interaction between H_c and the angular macrodispersions of anisotropy for alloy films containing 80% Ni, 17% Fe and 3% Mo, 200-900 A thick. The films were produced by condensation in a vacuum on a glass substrate using tungsten wire vaporizers. The magnetic characteristics of the components and of the entire film were determined by the oscillographic local hysteresis loop method. The results show that angular macrodispersion of anisotropy may contribute to the coercive force of the films. The lack of macrodispersion control could account for the variation in experimental relationships between H_c and the thickness of the ferromagnetic film. Orig. art. has: 2 figures, 1 table.

SUB CODE: 20/ SUBM DATE: 07Sep65/ OTH REF: 003

UDC: 539.216.2:538.248

Card 1/1



VASIL'YEV, G. I. and MARKONVIKOVA, V. L.

"The basic principles of designing rolling stock for municipal passenger transportation," In symposium: Voprosy kommunal, khoz-va, Moscow-Leningrad, 1949, p. 10-25

SO: U-3850, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

BONDAREVSKIY, Dmitriy Ivanovich; VASIL'YEV, Grigoriy Ivanovich; ZHITS, Meyer Zalmanovich; SOKOLOV, L.S., red.; AKATOVA, V.G., red.izd-va; LYLYUKHIN, A.A., tekhn.red.

[Rolling stock of streetcars and subways] Podvizhnoi sostav tramvaia i metropolitena. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1960. 371 p. (MIRA 13:12)
(Streetcars) (Subways)

SOV/128-59-3-24/31

18(5)
AUTHOR: Vasil'yev, G.I., Engineer

TITLE: Safety Device Against Metal Sputter in Pressure Casting

PERIODICAL: Liteynoye Proizvodstvo, 1959, Nr 3, p 46 (USSR)

ABSTRACT: When using the vertical type of pressure die casting machines the liquid metal sputters during the pressing operation. To protect the workers against this sputter a safety device has been designed. It has the shape of a movable bell installed around the plunger of the press. According to the included drawing this safety device has a diameter of 30 mm and a height of 10 mm. There is 1 diagram.

Card 1/1

VASIL'YEV, G.I.

Calculation of the optimum operation of an electron-tuve oscillator. Radiotekhnika 19 no.5:60-64 My '64. (MIRA 17:6)

1. Deystvitel'nyy chlen Nauchno-tekhnicheskogo obshchestva radiotekhniki i elektrosvyazi imeni Popova.

L 18053-63 EPR/EWP(r)/EWP(j)/EPF(c)/EWT(l)/EPF(n)-2/EWT(m)/BDS/ES(v)/
ES(w)-2 AFFTC/ASD/SSD Pab-4/Pe-4/Ps-4/Pc-4/Pr-4/Pu-4 RM/WW/MAY

ACCESSION NR: AP3002807 S/0207/63/000/003/0067/0070

AUTHORS: Vasil'yev, G. I.; Dem'yanov, Yu. A.; Kurnakov, V. I.; Malakhov, A. V.; Rakhmatulin, Kh. A.; Rumyantskiy, A. N. (Moscow) 95

TITLE: Experimental determination of the coefficient of heat conductivity of heat-insulated materials by the method of automodel behavior

SOURCE: Zhurnal prikladnoy mekhaniki i tekhnicheskoy fiziki, no. 3, 1963, 67-70

TOPIC TAGS: heat conduction, coefficient of heat, automodel

ABSTRACT: The authors propose an experimental method for determining the coefficient of heat conductivity of a material which makes use of the fact that, with the transformation $\xi = x/\sqrt{t}$, x being position and t being time, if the material is essentially one-dimensional as in an infinite rod (i.e., the transverse dimensions and height of the initially heated specimen must be much greater than the thickness at the time of the experiment) then T as a function of ξ satisfies

$$c_p\gamma\frac{dT}{d\xi} = -\frac{2}{\xi}\frac{d}{d\xi}\left(\lambda\frac{dT}{d\xi}\right) \qquad (1.1)$$

Card 1/2

L 18053-63

ACCESSION NR: AP3002807

where λ is the coefficient of heat conductivity to be determined and c_p and γ are the thermal capacity and specific weight which are considered known functions of T. Thus it is sufficient to determine the character of the temperature change at one point of the specimen in order to know the entire temperature field $T = T(\xi)$. Integrating (1.1) from ξ to ∞ and letting $\partial T/\partial \xi \to 0$ as $\xi \to \infty$,

$$\lambda(\xi) = \frac{1}{2(dT/d\xi)} \int_{\xi}^{\infty} c_p \gamma \frac{dT}{d\xi} \xi d\xi \qquad (1.2)$$

Orig. art. has: 4 formulas and 6 figures.

ASSOCIATION: none

SUBMITTED: 12Jun62 DATE ACQ: 16Jul63 ENCL: 00

SUB CODE: PH NO REF SOV: 007 OTHER: 001

Card 2/2

VASIL'YEV, G.I.; SEREBRENNIKOV, V.V.

Arsenites of some rare earths and yttrium. Zhur.neorg.khim. 6 no.12:2716-2718 D '61. (MIRA 14:12)
(Rare earth arsenite)

ACCESSION NR: AP4041582 S/0078/64/009/007/1613/1616

AUTHOR: Vasil'yev, G. I.; Serebrennikov, V. V.

TITLE: Pyrophosphates of some rare earth elements and of yttrium

SOURCE: Zhurnal neorganicheskoy khimii, v. 9, no. 7, 1964, 1613-1616

TOPIC TAGS: rare earth pyrophosphate, pyrophosphate, rare earth element, yttrium, solubility

ABSTRACT: Incomplete and sometimes contradictory data on the preparation of rare earth pyrophosphates prompted the authors to ascertain the preparation conditions of neutral pyrophosphates of lantanum, cerium, praseodymium, neodymium, samarium, gadolinium (of the type $La_4(P_2O_7)_3 \cdot 24H_2O$), dysprosium, erbium, lutecium (of the type $La_4(P_2O_7)_3 \cdot 36H_2O$) and yttrium ($Y_4(P_2O_7)_3 \cdot 18H_2O$. They were prepared from their chlorides and sodium pyrophosphate neutralized with HCl. The solubility of pyrophosphates in water at 25C was determined. It changes according to the numbers of the rare earth elements with gadolinium at the minimum. Yttrium pyrophosphate solubility coincides with that of gadolinium and dysprosium. Orig. art. has 3 figures, no formulas, 2 tables.

Card 1/2

ACCESSION NR: AP4041582

ASSOCIATION: None

SUBMITTED: 09May63	DATE ACQ: 00	ENCL: 00
SUB CODE: TO	NO REF SOV: 008	OTHER: 006

Card 2/2

VASIL'YEV, G.I.; SEREBRENNIKOV, V.V

Metaborates of some rare-earth elements. Zhur. neorg. khim. 9 no.10:2490-2492 O '64. (MIRA 17:12)

ALTAREVA, N.D.; ANTSIFEROV, M.I.; POTAPOVA, Ye.P.; FEDOROVA, L.V.; VASIL'YEV, G.I.

Tularemia in Irkutsk Province. Izv.Irk.gos.nauch.-issl.protivochum.inst. 15:177-183 '57. (MIRA 13:7)
(IRKUTSK PROVINCE--TULAREMIA)

VASIL'YEV, G.I.

Note on rodent fleas of the northwestern part of the Khangai Mountains. Izv.Irk.gos.nauch.-issl.protivochum.inst. 17:33-37 '58. (MIRA 13:7)
(KHANGAI MOUNTAINS--FLEAS) (PARASITES--RODENTIA)

VASIL'YEV, G.I.

Ecology of the eastern vole. Izv.Irk.gos.nauch.-issl. protivochum.inst. 19:131-137 '58. (MIRA 13:7)
(Maritime Territory--Field mice)

VASIL'YEV, G.I.

Observations on the flea Xenopsylla cheopis Roths in the Maritime Territory. Izv. Irk. gos. nauch.-issl. protivochum. inst. 21:343-345 '59. (MIRA 14:1)

(MARITIME TERRITORY—FLEAS)

L 6996-66

ACC NR: AP5026792 SOURCE CODE: UR/0286/65/000/017/0074/0074

AUTHOR: Vasil'yev, G. I.

47
B

ORG: none

TITLE: A device for solving non-stationary thermal conductivity problems. Class 42, No. 174383

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 17, 1965, 74

TOPIC TAGS: computer component, heat conductivity

ABSTRACT: This Author's Certificate introduces a device for solving non-stationary thermal conductivity problems. The unit contains a resistor network and a device for setting up boundary conditions. The speed of calculation is increased by connecting a computing amplifier to each node point in the resistor network. Two capacitors are alternately connected through relay contacts to the feedback circuit of the computing amplifier. The idle capacitor stores the voltage from the node point, and the capacitor connected to the feedback circuit transfers the stored voltage to the amplifier.

UDC: 681.142.001.572

Card 1/2

L 6996-66

ACC NR: AP5026792

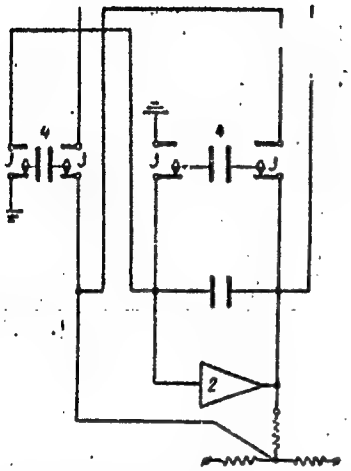


Fig. 1. 1--network node point; 2--computing amplifier; 3--relay contacts; 4--capacitors for voltage storage and transfer

SUB CODE: DP,EC,TD,MA/ SUBM DATE: 17Sep63/ ORIG REF: 000/ OTH REF: 000

Card 2/2

L 10716-66 EWT(d)/EWT(l)/EPF(n)-2/EWP(l) IJP(c) BB/MM/GG

ACC NR: AP5028515 SOURCE CODE: UR/0286/65/000/020/0098/0098

44,55 44,55 44,55 44,55

AUTHORS: Il'in, V. V.; Vasil'yev, G. I.; Novikov, I. B.; Teveleva, R. P.

ORG: none

10
B

TITLE: Analog-digital device for simulating problems of nonstationary heat conduction. Class 42, No. 175750

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 20, 1965, 98

21, 44, 55

TOPIC TAGS: temperature simulation, analog digital converter, heat conduction

160, 44

ABSTRACT: This Author Certificate presents an analog-digital device for simulating nonstationary heat conduction. The device contains a network of ohmic resistances and a device for setting the boundary conditions. To increase the accuracy of simulation, the device contains a code-to-analog converter for each node, which operate alternately in a storage and a voltage setting mode. There is also one analog-to-code converter common to all the nodes, which is connected sequentially through an electronic switch to the nodes of the network.

Card 1/2

UDC: 681.14.001.572

2

L 10716-66

ACC NR: AP5028515

Codes proportional to the voltages at these points are supplied to the inputs of the code-to-analog converters operating in the storage mode.

SUB CODE: 09/ SUBM DATE: 18Jul64

Card 2/2

VASIL'YEV, G.K.

Application of cam mechanism in cutting devices of agricultural machines. Sel'khozmashina no.12:23-25 D '53. (MLRA 6:12)
(Mowing machines) (Cams)

BLOKHIN, A.S.; BORODZYUK, G.G.; LESHCHINSKIY, A.A.; OKSMAN, A.K.; KOSMINSKIY, O.F.; MANUSHKIN, A.Ye.; MILEVSKIY, Yu.S.; DRIATSKIY, N.M.; VASIL'YEV, V.V.; L'VOVICH, A.A.; ORLEYEVSKIY, M.S.; MOROZ, I.A.; OKSIAN, A.K.; KNEL', G.S.; SOROKIN, M.F.; BUTLITSKIY, I.M.; VASIL'YEV, L.N.[deceased]; GINTS, Yu.R.; VASIL'YEV, G.K.; LUGOVSKOY, N.Ye.; KIRILLOV, Ye.V.; STRUYKINA, N.S.; LEVINOV, K.G.; BLOKHIN, A.S., otv. red.; GURIN, A.V., red.; SLUTSKIN, A.A., tekhn. red.

[K-1920-frequency telephone system] Sistema vysokochastotnogo telefonirovaniia K-1920; informatsionnyi sbornik. [By]A.S.Blokhin i dr. Moskva, Sviaz'izdat, 1962. 319 p. (MIRA 16:4)
(Telephone)

VASIL'YEV, G.K.; TAL'ROZE, V.L.

On the theory of the accumulation of stabilized radicals in solids.
Kin. i kat. 4 no.4:497-507 Jl-Ag '63. (MIRA 16:11)

1. Institut khimicheskoy fiziki AN SSSR.

VASIL'YEV, G.K.; SKURAT, V.Ye.; TAL'ROZE, V.L.

Formation of hydrogen in low-temperature radiolysis of polyethylene. Izv. AN SSSR Ser.khim. no.10:1871-1873 O '63. (MIRA 17:3)

1. Institut khimicheskoy fiziki AN SSSR.

AUTHOR Vasiliev

TOPIC TAGS conductor, chloranyl, polymerized, energy transfer, radiation stability

ABSTRACT. Such polymers are used as semiconductors, catalysts, etc. Their radiation stability, the energy transfer effects of radiation and physico-electrical properties compared to radiation data were studied. A highly sensitive mass-

affording measurements

Card 1/3

L 16109-65
ACCESSION NR: AP4045834

2

0.002 + 0.001 molec/100 eV. The polymers used were chloranyl with polymerized olefins, chloranyl with polyacrylonitrile and aniline black with HCl. Irradiation with 1.6 MeV was coupled with spectrometry and gas analysis. The liberation of H_2 was considered a measure of polymer stability since H_2 is an essential component. Great differences were detected in hydrogen liberation by the [illegible] and activation

[illegible]

[illegible]

[illegible]

9 figures and 1 tab[illegible]

Card 2/3

L 16109-65
ACCESSION NR: AP4045834

ASSOCIATION: Institut khimicheskoy fiziki Akademii nauk SSSR (Institute of Physical Chemistry of the Acad. of Sciences, SSSR).

SUBMITTED: 26Jul63 ENCL: 00

SUB CODE: GC, GP NO REF SOV: 003 OTHER: 001

Card 3/3

VASIL'YEV, G.K.; SKURAT, V.Ye.; TAL'ROZE, V.L.

Gas evolution kinetics in low-temperature radiolysis of paraffin and polyethylene. Dokl. AN SSSR 152 no.2:356-358 S '63.
(MIRA 16:11)

1. Institut khimicheskoy fiziki AN SSSR. Predstavleno akademikom N.N. Semenovym.

L 16912-65 EWG(j)/EWT(m)/EPF(c)/EWP(j)/EWA(h)/EWA(l) Pc-4/Pr-4/Peb DIAAP/
AEDC(b)/ASD(a)-5/SSD/AS(mp)-2/AFWL/RAEM/C/RAEM(i)/ESD(gs)/ESD(t) RM

ACCESSION NR: AP4047835 S/0195/64/005/005/0802/0806

AUTHOR: Vasil'yev, G. K.; Chkheidze, I. I. B

TITLE: Investigation of the low-temperature radiolysis of certain simple aromatic compounds by the methods of electron paramagnetic resonance (EPR) and mass spectrometry

SOURCE: Kinetika i kataliz, v. 5, no. 5, 1964, 802-806

TOPIC TAGS: radiolysis, electron paramagnetic resonance, mass spectrometer, aromatic hydrocarbon, radical yield, hydrogen yield, benzene, diphenyl

... organic substances may

Card 1/3

L 16912-65

ACCESSION NR: AP4047835

4

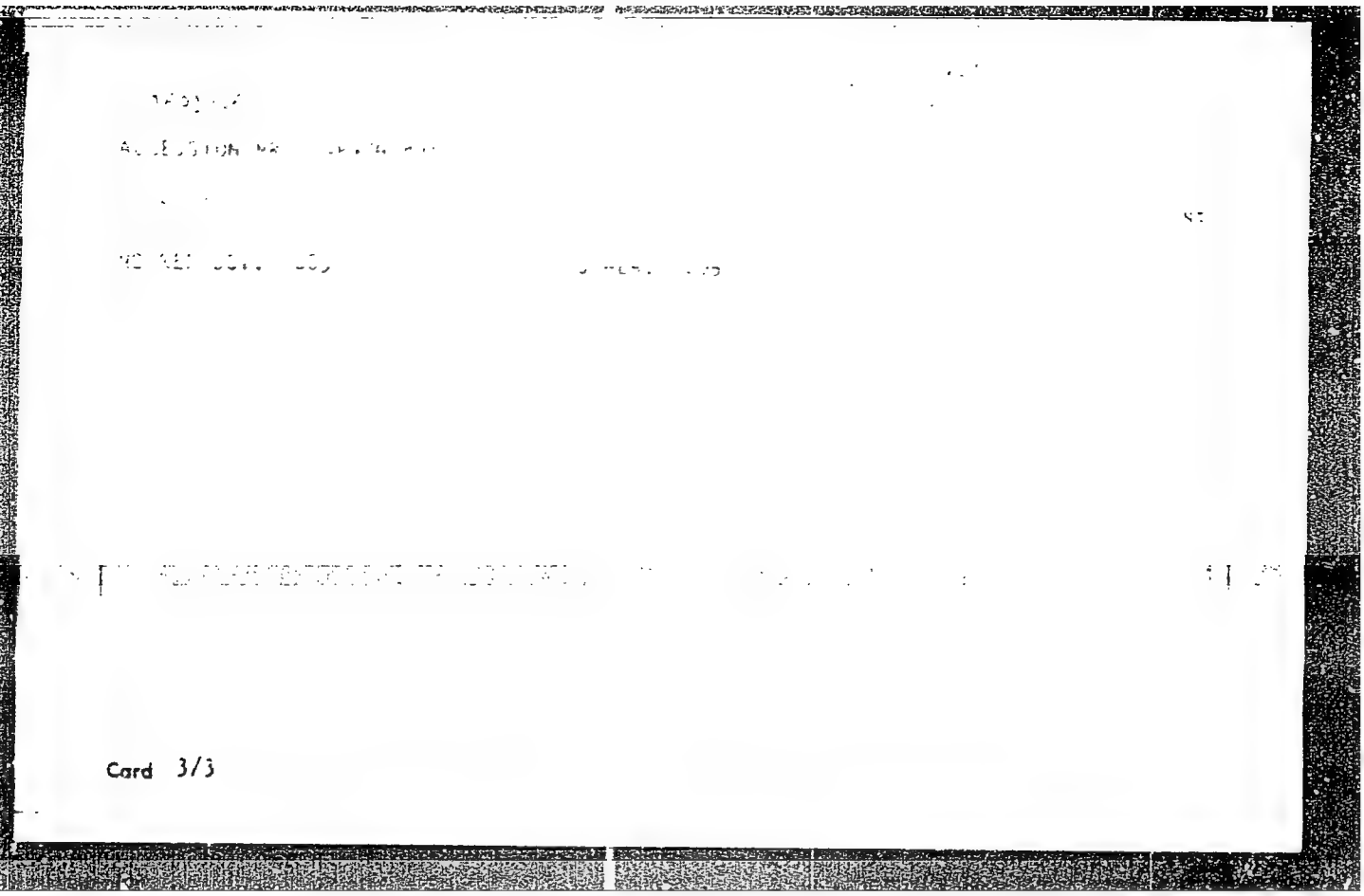
to bring to light the peculiarities of the low-temperature radiolysis of aromatic

radiolysis of benzene,

to B.

ASSOCIATION: Institut khimicheskoy fiziki AN SSSR (Institute of Chemical Physics, AN SSSR)

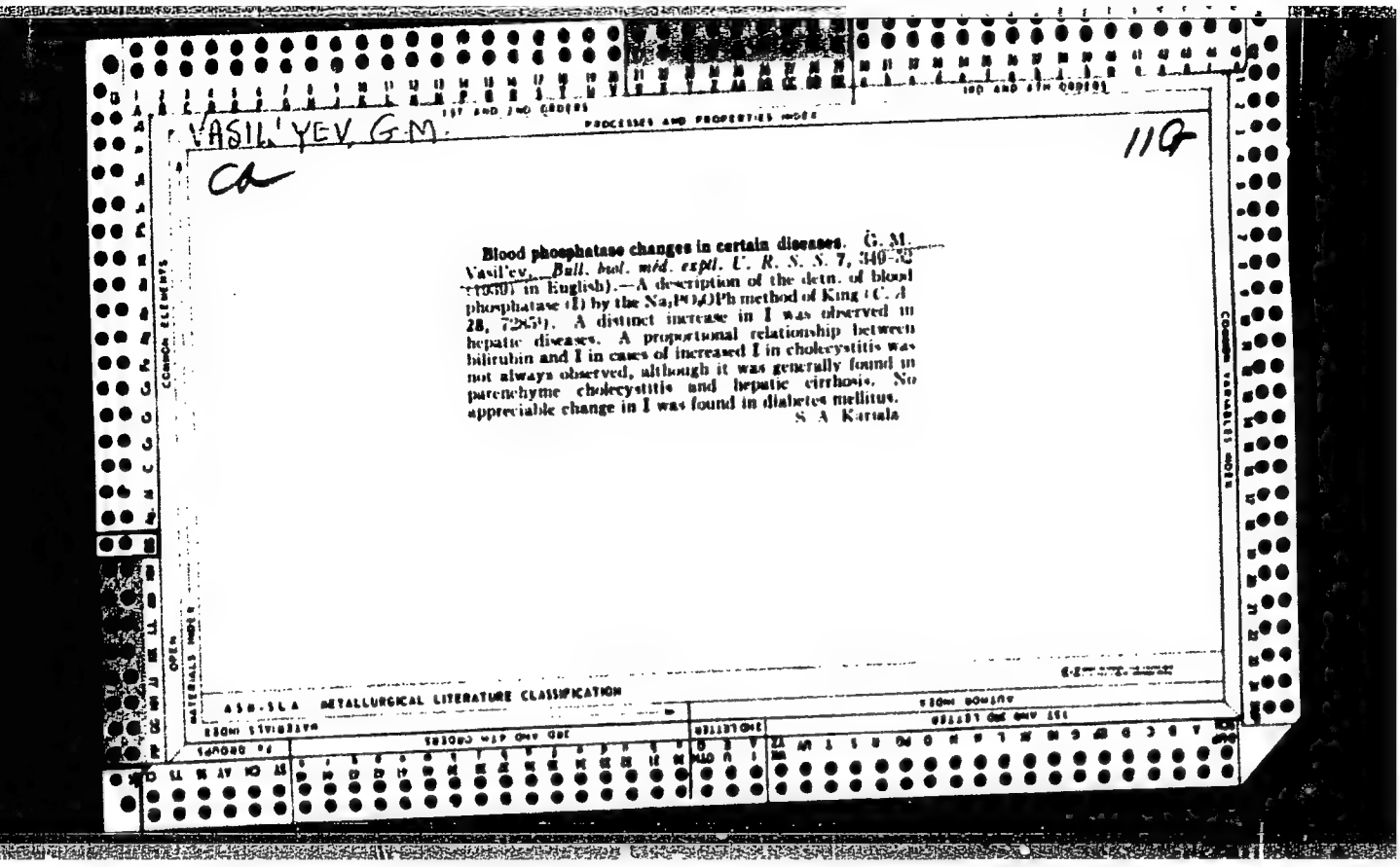
Card 2/3



Card 3/3

VASIL'YEV, G.L., inzh.

Strain analysis of the supporting collar of the cylinder block of internal combustion engines. Vest.mashinostr. 45 no.8:19-22 Ag '65. (MIRA 18:12)



VASIL'YEV, G.M.

Ca

11G

Blood phosphatase changes in certain diseases. G. M. Vasil'ev. *Bull. biol. méd. expl. U. R. S. S.* 7, 340–32 (1939) in English).—A description of the detn. of blood phosphatase (I) by the Na_2HPO_4 method of King (C. A. 28, 7285). A distinct increase in I was observed in hepatic diseases. A proportional relationship between bilirubin and I in cases of increased I in cholecystitis was not always observed, although it was generally found in parenchyme cholecystitis and hepatic cirrhosis. No appreciable change in I was found in diabetes mellitus.
S. A. Karuia

MEL'NIKOVA, A.A.; VASIL'YEV, G.M.; CHUMAK, M.D.; VESELOV, N.M.; SNEZHNOVA, L.P.

Culture media for detecting antibiotic substances in actinomycetes. Mikrobiologiia 26 no.6:762-766 N-D '57. (MIRA 11:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov, Moskva.

(ACTINOMYCES, culture,
media for detection of antibiotics (Rus)
(ANTIBIOTICS, determination,
in Actinomyces culture, culture media (Rus)

SOV/118-58-11-10/19

AUTHOR: Vasil'yev, G.M., Candidate of Technical Sciences

TITLE: On the Prospects for the Mechanization of Timber Felling Operations (O perspektivakh mekhanizatsii lesosechnykh rabot)

PERIODICAL: Mekhanizatsiya trudoyëmkikh i tyazhëlykh rabot, 1958, Nr 11, pp 29-30 (USSR)

ABSTRACT: Professor S.F. Orlov suggested in his article in the Nr 4, 1958 issue of this magazine to apply the principle of "free felling" ("Svobodnaya valka") of cut trees onto the trucks. The author disagrees with Professor Orlov and proposes instead a loading device consisting of 2 crane booms. Under certain conditions the author recommends the use of transportation machines designed by A.V. Rogozkin and B.A. Vakhneyev (no details are given), combined winches and other mechanisms. A method of transporting timber developed by workers of the Ural'skiy lesotekhnicheskiy institut (The Ural Institute of Forest Engineering) and described in this

Card 1/2

SOV/118-58-11-10/19

On the Prospects for the Mechanization of Timber Felling Operations

periodical (1956, Nr 9) by G.M. Parfenov and D.D. Yerakhtin, is said to be also of great interest.
There are 2 Soviet references and 1 diagram.

1. Wood industry--USSR 2. Trees--Handling 3. Wood--Transportation

Card 2/2

FREMEL', V.B.; VASIL'YEV, G.M.; MAKUKHINA, A.M.; MIRONOV, V.A.

Production of feed biomycin and vitamin B_{12} in alcohol plants. Spirt.prom. 26 no.4:8-10 '60. (MIRA 13:8)

(Biomycin) (Cyanocobalamin)

FREMEL', V.B.; VASIL'YEV, G.M.; MAKUKHINA, A.M.; MIRONOV, V.A.; SHISHKOVA, E.A.

Utilization of distilling washes from alcohol and acetone-butyl alcohol plants in the production of feed antibictics. Spirt.-prom. 28 no.2:26-27 '62. (MIRA 15:3)

1. TSentral'nyy nauchno-issledovatel'skiy institut spirtovoy promyshlennosti.
(Distilling industries--By-products) (Antibiotics)

VASIL'YEV, G.N., inzh.

Assembling derricks without drawing out reels at off-shore oil wells. Bezop.truda v prom. 1 no.10:16 O '57. (MIRA 10:11)
(Oil well drilling, Submarine) (Oil fields--Equipment and supplies)

SHEL'KOV, Mikhail Ivanovich; VASIL'YEV, G.N., kand. fil. nauk, nauchnyy red.; KUPETSKIY, V., red.; SHLYK, M., tekhn. red.

[Making work the first necessity of life]Prevrashchenie truda v pervuiu potrebnost' zhizni. Moskva, Mosk. rabochii, 1962. 61 p. (MIRA 15:10)
(Labor and laboring classes)

ACCESSION NR: AR4014138 S/0276/63/000/011/V032/V032

SOURCE: RZh. Tekhnologiya mashinostroyeniya, Abs. 11V220

AUTHOR: Ly*sov, M. I.; Vasil'yeva, G. N.

TITLE: Automation of bending and rolling of airplane parts on sheet metal profile bending machines using preset control

CITED SOURCE: Tr. Kazansk. aviats. in-ta, vy*p. 74, 1963, 27-34

TOPIC TAGS: automation, sheet metal, sheet metal brake, metal bending, sheet metal rolling, metal profiling, automatic machine tool, machine tool programming

TRANSLATION: A method is proposed for solving some problems in programming of the technological process of bending of airplane parts on roller type sheet metal profile bending machines, including the problems of determining the curvature of the given contour, the curvature of the part at the moment of loading with regard to elasticity and the set-up parameters of the machine. Principal systems are given for preset control of sheet metal profile bending machines. Ill., 4; bibl.,

Card 1/2

ACCESSION NR: AR4011138

4 titles. I. Gendlina.

DATE ACQ: 09Dec63 SUB CODE: ML ENCL: 00

Card 2/2

SAVKOV, Yevgeniy Petrovich; VASIL'YEV, Gleb Nikolayevich; REUTT, V.Ch., nauchn. red.

[High-expansion foam, an effective agent for fire extinction] Vysokokratnaia pena - effektivnoe sredstvo tusheniia pozharov. Moskva, Strolizdat, 1965. 47 p. (MIRA 18:8)

SLYUSAREV, G.M.; VASIL'YEV, G.P.

Automatic control of a water-pump station. Mashinostroitel' no.12:12 D '61. (MIRA 14:12)
(Pumping machinery)
(Automation)

VASIL'YEV, G.P.

Increasing the durability of the spindle of a cotton-picking machine. Sel'khozmashina no.2:26-27 F '54. (MLRA 7:2)

1. Sredne-Aziatskiy politekhnicheskiy institut - GSKB po khlopku.
(Cotton-picking machinery)

VASIL'YEV, G. P.

VASIL'YEV, G. P. -- "Increasing the Spindle Stability of the SKhS Horizontal-Spindle Cotton-Picking Machine." Min Higher Education USSR. Central Asia Polytechnic Inst. Tashkent, 1955. (Dissertation for the Degree of Candidate of Technical Sciences.)

SO: Knizhnaya letopis', No. 4, Moscow, 1956

VASIL'YEV, G.P.

Urgent problems in operating communications facilities in the district. Vest. sviazi 16 no.12:22-23 D '56. (MLRA 10:2)

1. Tekhnik Vyksunskogo radiouzla Arzamasskoy oblasti.
(Arzamas Province--Telecommunication)

VASIL'EV, Georgii Petrovich.

The locomotive, its construction, upkeep and repair. Kharkiv, Enerhovydav, 1932. 420 p.

Cyr. 4 TF36

VASIL'EV, GEORGIY PETROVICH.

Parovoz; ustroistvo, soderzhanie i remont. Perer. i dopoln. izd. Moskva, Transzheldorizdat, 1943. 708 p. illus., diagrs.

(The locomotive; working principles, maintenance and repair.)

DLC: TJ635.V35 1943

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1963

84883

S/079/60/030/010/025/030
B001/B066

11,1170

AUTHORS: Vasil'yev, S. V., Zhuravleva, A. A., Kostomarova, V. L., and Vasil'yev, G. S.

TITLE: Effect of Nitrogen on Dibenzal Acetone

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol. 30, No. 10, pp. 3414 - 3416

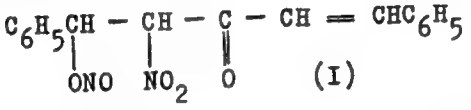
TEXT: Proceeding from the reaction of nitrogen tetroxide with unsaturated aliphatic ketones, one of the authors (Ref.1) showed that, according to the structure of the initial ketone, addition products are obtained which differ as to nature and properties. The nitro group was found to be added to the least, and the ONO group to the most strongly hydrogenated carbon atom. When treating benzal acetone with nitrogen tetroxide, not only an addition to the double bond of the side chain takes place, but also a substitution of the hydrogen of the benzene ring in the para position. The behavior of dibenzal acetone toward nitrogen tetroxide was investigated. Dibenzal acetone dissolved in ether was treated with gaseous and liquid reagents. The nitrite of nitro

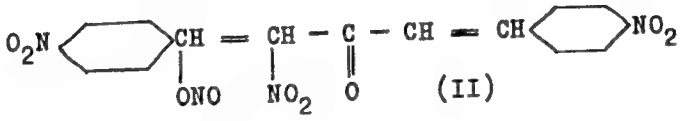
Card 1/3

Effect of Nitrogen on Dibenzal Acetone

S/079/60/030/010/025/030
B001/B066

oxyketone (I) resulted in the former case, and the nitrite of trinitro oxyketone (II) in the latter.





By agitating with water, hydroxyl was substituted for the ONO group in both products (Refs.2 and 3), to give the corresponding crystalline hydroxy-nitro-ketones. The addition products decomposed when heated with water or mineral acids on the water bath for 28-30 hours (Refs. 4 and 5). There are 5 references: 3 Soviet, 1 US, and 1 British.

84883

Effect of Nitrogen on Dibenzal Acetone S/079/60/030/010/025/030
B001/B066

ASSOCIATION: Moskovskiy institut tonkoy khimicheskoy tekhnologii (Moscow Institute of Fine Chemical Technology)

SUBMITTED: March 16, 1959

Card 3/3

VASIL'YEV, S.V.; ZHURAVLEVA, A.A.; KOSTOMAROVA V.L.; VASIL'YEV, G.S.

Action of nitrogen tetroxide on dibenzalacetone. Zhur.ob.khim. 30 no.10:3414-3416 O '61. (MIRA 14:4)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii.
(Nitrogen oxide) (Pentadienone)

YEFIMENKO, G.G., inzh.; VOYTANIK, S.T., inzh.; YEFIMOV, S.P., inzh.; MACHKOVSKIY, A.I., inzh.; RUDKOV, A.K., inzh.; RUDKOVSKIY, G.I., inzh.; Prinimali uchastiye: KOVALEV, D.A.; GOTOVTSEV, A.A.; VASIL'YEV, G.S.; ZEMLYANOY, A.A.; KUKUSHKIN, S.N.; MATYNA, M.G.; LOVCHANOVSKIY, V.A.; KRAMNIK, T.A.; NECHESOVA, N.I.; MARTYNENKO, V.A.; KURAKSIN, D.I.; LETYAGIN, N.L.

Intensifying the sintering process by the use of a special charge wetting device. Stal' 23 no.12:1061-1064 D '63. (MIRA 17:2)

1. Dnepropetrovskiy metallurgicheskiy institut, zavod im. Dzerzhinskogo i Yuzhnyy gornoobogatitel'nyy kombinat. 2. Dnepropetrovskiy metallurgicheskiy institut (for Kovalev, Gotovtsev, Vasil'yev, Zemlyanoy, Kukushkin). 3. Zavod im. Dzerzhinskogo (for Matyna, Lovchanskiy, Kramnik, Nechesova). 4. Yuzhnyy gornoobogatitel'nyy kombinat (for Martynenko, Kuraksin, Letyagin).

LIVSHITS, B.A.; VASIL'YEV, G.S.

Changes in the microhardness of basic minerals in iron ore sinters. Izv. vys. ucheb. zav.; chern. met. 6 no.10:30-31 '63. (MIRA 16:12)

1. Dnepropetrovskiy metallurgicheskiy institut.

VASIL'EV, G. S.

Nekotorye prichiny oshibok pilotirovaniia. [Some causes of piloting errors]. Moskva, Glav. red. aviatsionnoi lit - ry, 1946. 91 p. illus.

DLC: TL710.V35

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

VASIL'YEV, G.S.; MIKIRTUMOV, E.B., kandidat tekhnicheskikh nauk, redaktor; LATYNIN, Ye.V., redaktor; ZUDAKIN, I.M., tekhnicheskiy redaktor.

[Principles of flight applied to airplane models with flapping wings] Osnovy poleta modelei s mashushchimi kryl'iami. Pod red. E.B.Mikirtumova. Moskva, Gos. izd-vo oboronnoi promyshl., 1953. 123 p. [Microfilm] (MLRA 7:10)
(Airplanes--Models) (Flight)

VASIL'YEV, [illegible].

AID P - 262

Subject : USSR/Aeronautics

Card : 1/3

Periodical : Kryl. Rod., 6, 1 - 24, Je 1954

Abstract : Articles in this issue are very popular, and are not of special interest. They are listed in the following Table of Contents:

AID P - 262

Kryl. Rod., 6, 1-24, Je 1954 (additional card)

Card : 2/3

Kryl. Rod., 6, 1-24, Je 1954 (additional card) AID P - 262

Card : 3/3

Institution : None

Submitted : No date

VASIL'YEV, G.

AID P - 2446

Subject : USSR/Aeronautics

Card 1/1 Pub. 135 - 12/19

Author : Vasil'yev, G., Col. of the Tech. Serv.

Title : How Eng. Garmayev organizes the technical servicing of night flights

Periodical : Vest. vozd. flota, 8, 69-71, Ag 1955

Abstract : The author describes the functions of the servicing crew under the command of Eng. Garmayev before, during and after a units' night training flights. Some data on the time of the performance of various tasks are given. Photo.

Institution: None

Submitted : No date

VASIL'YEV, G.S PHASE I BOOK EXPLOITATION GER/6316

Wassiljew, G. S. [G. S. Vasil'yev], N. M. Lyssenko [N. M. Lysenko], and E. B. Mikirtumow [E. B. Mikirtumov]

Aerodynamik and Flugmechanik bei schallnahen Geschwindigkeiten; eine kurzgefasste Darstellung in leichtverständlicher Form. [B e r l i n] (Aerodynamics and Flight Mechanics at Near-Sonic Velocities; a Brief Presentation in an Easily Comprehensible Form). Verlag des Ministeriums für Nationale Verteidigung [1959] 331 p. Transl. of Aerodinamicheskiye osobennosti reaktivnykh samoletov-istrebiteley (Aerodynamic characteristics of jet fighters). Moscow, 1956. 264 p. Errata slip inserted. Number of copies printed not given.

Translated by Dieter Rauch; Tech. Ed.: Fritz Seidler, Diploma Engineer.

PURPOSE: This book is intended for flight and engineering personnel of the Air Force. It may also be useful to students at technical institutes concerned with aircraft design.

Card 1/8

Aerodynamics and Flight Mechanics (Cont.) GER/6316

COVERAGE: The book discusses the most important characteristics of high-speed aerodynamics. Flight mechanics, control characteristics, and maneuverability of jet-propelled fighter aircraft and their effect on the most important operational parameters are discussed. Particular attention is given to longitudinal and directional stability at sonic or near-sonic speeds. The relationships between the rotation of an airplane about its longitudinal axis and the altitude loss in pulling an aircraft out of a nose dive are explained. The spin peculiarities of modern aircraft, e.g., in initiating and terminating spins, and the causes for the nonuniformity of the rotation are treated in detail. Since some characteristic properties of modern jet aircraft are associated with the strongly sweptback airfoils of these airplanes, the book contains sections on the flow around a sweptback wing and the aerodynamic and flight-mechanical properties of aircraft with sweepback. The original Russian edition of the book was written as follows: Sections I, II, VI, and VII, by N. M. Lysenko, sections IV and V, by E. B. Mikirtumov, sections IX and X, by G. S. Vasil'yev, and section III, VIII, and XI,

Card 2/3

by E. B. Mikirtumov and N. M. Lysenko. The German translation was made by Dieter Rauch and the drawings by Arthur Gärtner. No personalities are mentioned. There are no references.

TABLE OF CONTENTS:

VASIL'YEV, G.

Models with flapping wings. Tekh. mol. 24 no.12:11 D '56.
(MLRA 10:2)

(Airplanes--Models)

VASIL'YEV, G.

Box kite. Znan.sila 31 no.4:(Insert) p.1
Ap '56. (Kites) (MIRA 9:7)

VASIL'YEV, G. [S.]

AID P - 5522

Subject : USSR/Aeronautics - Model building (Aerodynamics)

Card 1/1 Pub. 58 - 13/17

Author : Vasil'yev, G.

Title : The influence the rotation of the propellers exercises on the attitude in flight of an airplane model.

Periodical : Kryl. rod., 8, 2, 24-25, F 1957

Abstract : The author analyses the harmful effects which the air currents generated by rotating propellers have on the performance of airplane models, and advises as to how some of these effects may be palliated. 7 drawings.

Institution : None

Submitted : No date

VASIL'YEV, Grigoriy Silant'yevich; YEFREMOVA, Ye.V., red.; MUKHINA, Ye.S., tekhn.red.

[Models with flapping wings] Modeli s mashmshchimi kryl'iami. Moskva, Izd-vo DOSAAF, 1960. 84 p. (MIRA 14:4)
(Flying-machines--Models)

LIVSHITS, B. A.; VASIL'YEV, G. S.

Investigating the mechanical properties of the basic components of iron ore sinters. Izv. vys. ucheb. zav.; chern. met. 7 no.6: 23-25 '64. (MIRA 17:7)

1. Dnepropetrovskiy metallurgicheskiy institut.

VASIL'YEV, Gavriil Stepanovich; LEPNEV, Mikhail Ivanovich; TIKHONOV, Konstantin Kuz'mich; AL'TERMAN, S.L., red.; BOBROVA, Ye.N., tekhn.red.

[Traffic organization on railroads during the process of electrification] Organizatsiia dvizheniia poezdov na elektrifitsiruemykh liniiakh. Moskva, Gos.transp.zhel-dor.izd-vo, 1959. 123 p. (MIRA 13:1)
(Railroads--Electrification) (Railroads--Traffic)

VASIL'YEV, G.S., kand.tekhn.nauk; LEPNEV, M.I., kand.tekhn.nauk;
TIKHONOV, K.K., kand.tekhn.nauk

Traffic organization during the electrification of railroad lines. Zhel.dor.transp. 41 no.8:47-51 Ag '59. (MIRA 12:12)

(Railroads--Electrification)

BERNGRAD, K.A., doktor tekhn.nauk; VASIL'YEV, G.S., kand.tekhn.nauk;
BIKCHENTAY, M.A., inzh.; FROLOV, I.A., inzh.

Ways for traffic control autmation in large railroad junctions.
Vest.TSNII MPS 19 no.6:3-8 '60. (MIRA 13:9)
(Automatic control) (Railroads--Train dispatching)

PETROV, A.P., doktor tekhn. nauk, prof.; DUVALYAN, S.V., kand. tekhn. nauk; ABADUROVA, Ye.V., inzh.; ZHURAVLEV, M.M., inzh.; KHANDKAROV, Yu.S., inzh.; SAMARINA, N.A., inzh.; ZAV'YALOV, B.A., kand. tekhn.nauk; BERNGARD, K.A., doktor tekhn. nauk, prof.; VASIL'YEV, G.S., kand. tekhn. nauk; BIKCHENTAY, M.A., inzh.; FROLOV, I.A., inzh.; SIDEL'NIKOV, V.M., inzh.; MOKROUSOVA, N.I., inzh.; POZAMANTIR, E.I., kand. tekhn. nauk; GLUZBERG, E.A., retsenzent; MAKSIMOVICH, B.M., kand. tekhn. nauk, retsenzent; PREDE, V.Yu., inzh., red.

[Use of electronic digital computers in compiling train sheets]Sostavlenie grafika dvizheniia poezdov na elektronnykh tsifrovykh vychislitel'nykh mashinakh. Moskva, Transzheldorizdat, 1962. 199 p. (MIRA 15:9)

1. Chlen-korrespondent Akademii nauk SSSR (for Petrov).
(Railroads—Train dispatching)
(Railroads—Electric equipment)

PETROV, A.P., doktor tekhn. nauk, prof.; TULUPOV, L.P., kand. tekhn. nauk; KRYUKOV, N.D., kand. tekhn.nauk; GUNDOBIN, V.N., inzh.; VASIL'YEV, G.S., kand. tekhn. nauk; GRISHIN, M.S., kand. tekhn. nauk; MOROZOVA, K.N., inzh.; ROZE, V.A., inzh.; LEVSHIN, G.L., inzh.; BERNGARD, K.A., doktor tekhn. nauk, prof.; BIKCHENTAY, M.A., inzh.; BUYANOV, V.A., inzh.; ILOVAYSKIY, N.D., inzh.; MUKHAMEDOV. G.A., kand. tekhn.nauk; MIROSHNICHENKO, A.P., inzh.; ANDRIANOV, V.P., inzh.; BUTS, V.D., inzh.; KAZIMOV, A.A., inzh.; KIREYEV, O.P., inzh.; DYUFUR, S.L., kand. tekhn. nauk; USTINSKIY, A.A., kand. tekhn. nauk; MIKHAYLOV, S.M., inzh.; NESTEROV, Ye.P., kand. tekhn. nauk, retsenzent; LIVSHITS, V.N., inzh., retsenzent; PREDE, V.Yu., inzh., red.; VOROTNIKOVA, L.F., tekhn. red.

[Control of transportation processes using electronic digital computers] Upravlenie perevozochnym protsessom s primeneniem elektronnykh tsifrovykh vychislitel'nykh mashin. Pod obshchei red. A.P.Petrova. Moskva, Transzheldorizdat, 1963. 207 p. (MIRA 16:8)

1. Chlen-korrespondent AN SSSR (for Petrov).
(Railroads--Management) (Electronic digital computers)

VASIL'YEV, G.S., kand. tekhn. nauk

Norms for the calculation of the plan for the making up of trains. Vest. TSNII MPS 23 no.8:51-54 '64 (MIRA 18:2)

SHOSTAKOVSKIY, M.F.; GUSEYNOV, I.I.; VASIL'YEV, G.S.

Synthesis of compounds of the type of 1-alkylthio-2-oxychlorophosphine-3-chloro-1,3-butadienes. Zhur. ob. khim. 30 no.9:2832-2835 S '60. (MIRA 13:9)

1. Institut organicheskoy khimii Akademii nauk SSSR.
(Butadiene)

85659

5.3630 2209, 1287, 1266

S/079/60/030/009/016/022/XX
B001/B066

AUTHORS: Shostakovskiy, M. F., Guseynov, I. I., Shmonina, L. I., Vasil'yev, G. S., and Lopatin, B. V.

TITLE: Synthesis of Compounds of the Type of 1-Alkoxy-2-oxy-chlorophosphine-3-chlorobutadienes-1,3

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol. 30, No. 9, pp. 2836 - 2838

TEXT: The present paper deals with the reaction of ethinyl-vinyl alkyl ethers with PCl_5 (a reaction that has not been described as yet). They suggest the following scheme:

$$ROCH{=}CH{-}C{\equiv}CH + 2PCl_5 \longrightarrow \left[ROCHCl - CHPCl_4 - C{\equiv}CH \cdot PCl_5\right] \longrightarrow$$

$$\longrightarrow \left[ROCH{=}CPCl_4 - CCl{=}CH_2 \cdot PCl_5\right] + 2SO_2 \longrightarrow ROCH{=}CPOCl_2 -$$

$$- CCl{=}CH_2 + 2SOCl_2 + POCl_3 .$$

Card 1/3

Synthesis of Compounds of the Type of 1-Alkoxy-2-oxy-chlorophosphine-3-chloro-butadienes-1,3

S/079/60/030/009/016/022/XX
B001/B066

Such a reaction was described by them in Ref. 3. When studying the reaction of ethinyl-vinyl-alkyl ethers with PCl_5, they devised a method of synthesizing 1-alkoxy-2-oxy-chlorophosphine-3-chloro-butadienes-1,3 (Ref. 4). The resultant compounds are viscous liquids which readily turn yellow, have a sharp odor, and are stable at low temperatures in sealed ampoules through which nitrogen had been blown previously. The authors made supplementary experiments to check the structure of the compounds synthesized. On the basis of the infrared spectrum the butadiene structure may be regarded as proven (Ref. 5). The splitting of the absorption band of the double carbon bond for the present compounds may be interpreted in different ways, but the opinion that the band is split into various components by rotational forms of the cis- and trans-configurations (Ref. 6) is supported by the fact that the components have different intensities which are almost independent of the alkyl substituent, and that a shift occurs only in one direction. Mention is made of A. N. Nesmeyanov. There are 2 tables and 8 references: 7 Soviet and 1 British.

Synthesis of Compounds of the Type of 1-Alkoxy-2-oxy-chlorophosphine-3-chlorobutadienes-1,3

S/079/60/030/009/016/022/XX
B001/B066

ASSOCIATION: Institut organicheskoy khimii Akademii nauk SSSR (Institute of Organic Chemistry of the Academy of Sciences USSR)

SUBMITTED: August 15, 1959

Card 3/3

GUSEYNOV, I.I.; LOPATIN, B.V.; VASIL'YEV, G.S.; ORLOVA, L.V.; SHOSTAKOVSKIY, M.F.

Spectra and structure of 1,2,3,-phosphorus-containing heterosubstituted 1,3-butadienes. Izv.AN SSSR.Otd.khim.nauk no.9:1550-1554 S '62. (MIRA 15:10)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Butadiene—Spectra)

SHOSTAKOVSKIY, M.F.; GUSEYNOV, I.I.; VASIL'YEV, G.S.

Synthesis of saturated full esters of 1-alkylthio-2-hydroxydichlorophosphine-3-chloro-1,3-butadienes. Zhur. ob.khim. 32 no.2:375-377 F '62. (MIRA 15:2)

1. Institut organicheskoy khimii imeni N.D. Zelinskogo AN SSSR.

(Esters)
(Butadiene)

GUSEYNOV, I.I.; VASIL'YEV, G.S.; SHOSTAKOVSKIY, M.F.

Synthesis of allyl and propargyl full esters of 1-alkylthio-2-hydroxydichlorophosphine-3-chloro-1,3-butadienes. Zhur. ob.khim. 32 no.2:378-379 F '62. (MIRA 15:2)

1. Institut organicheskoy khimii imeni N.D. Zelinskogo AN SSSR.

(Esters)
(Butadiene)

GUSEYNOV, I.I.; VASIL'YEV, G.S.

Chemistry of some α-substituted 1,3-alkadienes. (MIRA 16:2)
Usp.khim. 32 no.1:40-59 Ja '63.

1. Institut organicheskoy khimii imeni N.D. Zelinskogo AN SSSR.

(Butadiene)
(Substitution (Chemistry))

SHOSTAKOVSKIY, M.F.; GUSEYNOV, I.I.; VASIL'YEV, G.S.

Synthesis of tetraalkyldiamides of 1-alkylthio-2-hydroxydichlorophosphine-3-chloro-1,3-butadienes. Zhur.ob.khim. 32 no.2:380-381 F '62. (MIRA 15:2)

1. Institut organicheskoy khimii imeni N.D. Zelinskogo AN USSR.
(Butadiene)
(Amides)

VASIL'YEV, G.S.; PRILEZHAYEVA, Ye.N.; BYSTROV, V.F.; SHOSTAKOVSKIY, M.F.

Structure of products of the reaction of (alkoxy) alkylthiobutenynes with phosphorus pentachloride. Zhur. ob. khim. 35 no.8:1350-1357 Ag '65. (MIRA 18:8)

1. Institut organicheskoy khimii imeni N.D. Zelinskogo AN SSSR.

L 29293-66 EWP(j)/EWT(m)/T RM

ACC NR: AP6019317 SOURCE CODE: UR/0079/65/035/008/1350/1357

AUTHOR: Vasil'yev, G. S.; Prilezhayeva, Ye. N.; Bystrov, V. F.; Shostakovskiy, M. F.

ORG: Institute of Organic Chemistry im. N. D. Zelinskiy, AN SSSR (Institut organicheskoy khimii AN SSSR) 31 B

TITLE: Structure of products of the reaction of (alkoxy)alkylthiobutenynes with phosphorus pentachloride

SOURCE: Zhurnal obshchey khimii, v. 35, no. 8, 1965, 1350-1357

TOPIC TAGS: phosphorus chloride, chemical reaction, proton resonance, organic sulfur compound

ABSTRACT: Synthesis by other methods and study of proton magnetic resonance spectra indicated that addition of PCl_5 to 1-alkylthio-(alkoxy)butenynes takes place at the triple carbon-carbon bond with the formation of chlorides of 1-alkylthio(alkoxy)-3-chlorobutadiene- 1,3,4-phosphinic acids. It was established for the first time that addition of alcohols to diacetylene under the conditions of a nucleophilic reaction proceeds stereospecifically with the formation of cis-1-alkoxybutenynes. The reaction of diacetylene with one molecule of a thiol (MeSH) under nucleophilic conditions also resulted in a product (1-Me-thiobutenyne) with a cis-structure. It was shown that in products of the addition of PCl_5 to

UDC: 547.261

Card 1/2

L 29293-66 -
ACC NR: AP6019317

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1-alkylthio(alkoxy)butenynes the hydrogens at 1-C and 2-C are in a trans-position to each other. A mechanism of electrophilic interaction between PCl_5 and 1-alkylthic(alkoxy)butenynes is proposed which explains the cis-trans-isomerization that takes place in its course. Orig. art. has: 4 figures, 5 formulas, and 1 table. [JPRS]

SUB CODE: 07, 20 / SUBM DATE: 29Jun64 / ORIG REF: 007 / OTH REF: 010

Card 2/2 nc

VASIL'YEV, G.T.; KAMNEV, P.V., red.; FREGER, D.P., tekhn.red.

[Making use of potentials in forging work; practices of the Kirov Plant in Leningrad] Ispol'zovanie rezervov kuznechnogo proizvodstva; iz opyta Leningradskogo Kirovskogo zavoda. Leningrad, 1955. 15 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Informatsionno-tekhnicheskii listok, no.89(777)) (MIRA 10:12)

(Forging)

VASIL'YEV, Gavriil Tarasovich; KAMNEV, P.V., red.; FREGER, D.P., tekhn.red.

[Calibration of forged pieces; practices of the Kirov Factory in Leningrad] Kalibrovanie shtampovannykh pokovok; opyt Leningradskogo Kirovskogo zavoda. Leningrad, 1956. 13 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Informatsionno-tekhnicheskii listok, no.1. Kovka i goriachaia shtampovka) (MIRA 10:12)
(Forging machinery)

Vasil'yev, G.T.

25(5) PHASE I BOOK EXPLOITATION SOV/2166

Opyt ratsionalizatsii kuznechnogo proizvodstva; k 250-letiyu Leningrada (Experience in Improving Forge Work; On the 250th Anniversary of Leningrad) [Leningrad] Lenizdat, 1957. 194 p. 3,000 copies printed.

Ed. (Title page): P.V. Kamnev; Ed. (Inside book); Ye. V. Yemel'yanova; Tech. Ed.: N.I. Rodchenko

PURPOSE: The collection of articles is intended for workers and engineers in forge shops and also for designers of machinery in related branches of machine manufacturing.

COVERAGE: The book describes the experience gained at several Leningrad plants in the rationalization of manufacturing processes, modernization of equipment, and improvement in the economics and planning of forging production. Tables and drawings accompany every article. No personalities are mentioned. There are no references.

TABLE OF CONTENTS:

Card 1/3

Experience in Improving Forge Work SOV/2166

Card 2/3

AVAILABLE: Library of Congress (TS 225.K336)

Card 3/3

TM/fal
10-18-59

137-58-4-7124

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 4, p 117 (USSR)

AUTHOR: Vasil'yev, G. T.

TITLE: Bringing the Shape and Dimensions of Forgings into Line with the Shape and Dimensions of the Finished Parts (Priblizheniye formy i razmerov shtampovok k forme i razmeram gotovykh detaley)

PERIODICAL: Tekhnol. transp. mashinostroyeniya, 1957, Nr 8, pp 12-19

ABSTRACT: Methods are described, and examples are given, of reduction in the weight of forgings and diminution in machining (reduction in draft angle and machining oversize, broaching of small holes, sizing of forgings, etc.)

Ye. L.

1. Forgings--Reduction--Methods

Card 1/1

VASIL'YEV, G.T.

PHASE I BOOK EXPLOITATION SOV/3656

Atroshenko, Aleksey Petrovich, Gavriil Tarasovich Vasil'yev, and Mikhail Sergeyevich Eduardov

Izgotovleniye pokovok pod shtampovochnymi molotami i na gorizontal'-nokovochnykh mashinakh (Forging With Hammers and Horizontal Forging Machines) Moscow, Mashgiz, 1958. 91 p. (Series: Bibliotechka kuznetsa-novatora, vyp. 6) Errata slip inserted. 6,500 copies printed.

General Ed.: P.V. Kamnev, Candidate of Technical Sciences, Docent; Ed.: I.M. Din, Engineer; Ed. of Publishing House: I.A. Borodulina; Tech. Ed.: O.V. Speranskaya; Managing Ed. for Literature on Machine Building Technology (Leningrad Division, Mashgiz): Ye.P. Naumov, Engineer.

PURPOSE: This booklet is intended for forging machine operators, technicians, and engineering personnel. It may also be used by students at technical schools.

COVERAGE: The booklet describes basic forging operations on drop hammers and horizontal forging machines, and discusses the principles involved. Emphasis is placed on describing mechanization and

Card 1/3

automation of various forging and auxiliary operations. Examples of applied mechanization and automation in forging shops are described and illustrated. No personalities are mentioned. There are 6 Soviet references.

TABLE OF CONTENTS:

Forging With Hammers (Cont.) SOV/3656

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6-6-60